

**VOCATIONAL MEDICAL SCIENCE**

Ketchikan School District

(Date when course last reviewed/updated\_\_12/1/03

**Pre-requisite Courses(s):** Health; Biology

**High School Credit: 1.0 Postsecondary credit =** yes, 3credits

**Pathway:** Health Service **Career Cluster Area: Health Service**

**Source of Occupational Skills Standards:** National Health Care Cluster Foundation Standards

**Eligibility for Nationally Recognized Skill Certificates(s)/State License?** Yes  
American Red Cross CPR/1st Aid Card

**Tech Prep:** yes

**Is this course brokered through another institution or agency?** University of Alaska SE Ketchikan

**Course Description:**

This course is designed for those students interested in the Allied Health, Medical field. The course is one year long. Students are eligib 6 semester credits from the Unviersity of Alaska SE Ketchikan campus.

**Content Headings/Topics:**

Anatomy/Physiology	Medical Terminology	Vital Signs	Record Keeping
Patient/People Skillls	Medical Laws & Ethics	CPR/1st Aid	Confidentiality
Death & Dying	Stress Management	Career Research	Job Shadowing

**Performance Standards**

Specific Occupational skills	Ak Reading Writing Math,Science	Ak Content Standards Technology	Ak Employabiity Standards	Ak Cultural	All Aspects of Industry Standards	Assessment
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Form 1b – District’s Career & Technical Education Course Alignment to Standards

		Performance Standards					
1. Students will use medical terminology in relationship to the workplace, the body systems and career choices.	1,2,3	R: B,D W: A,D	D,E,F	A	none	none	Written
2. The student will identify composition, structure, function, pathological conditions and clinical procedures relating to all body systems.	1,2,3	M: B,E R: B	D,E,F	A	none	none	Written
3. The student will successfully complete the skills needed to receive a CPR and First Aid cards.	10	R: B	C,D,F	A,B	none	Work Habits	American Red Cross Exams
4. The student will understand the basic office procedures including office skills patient/people skills; medical laws and ethics.	5,6,7,8 9,10	R: B,D,E M: B	D,F	A,B	A,B,D	Wk Hab Managmt Labor	Written Performance
5. The student will examine various methods of stress management skills in the workplace	4,6	R: B,E	C,D,F	A	A,B,D	Wk Hab. Managmt	Written
6. The student will become familiar with the stages of death; dealing with the patient and survivors; and holistic agencies throughout the region.	1,5,6	R: B	D,F	A	A,B,D	none	Written

**Performance Standards**

Specific Occupational skills	Ak Reading Writing Math, Science	Ak Content Standards Technology	Ak Employability Standards	Ak Cultural	All Aspects of Industry Standards	Assessment
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Form 1b – District’s Career & Technical Education Course Alignment to Standards

		Performance Standards					
7. The student will research and write a career paper on their field of interest.	1,3,4,6,7 8,10,1	R: B,D,E W: A,D	C,D,F	A,B	none	Plan finance Comm.	Written
8. The student will participate actively in a field experience (job shadowing) in their interested career field.	4,8,9	M: B,D R: B.D.E W: A,D	C,D,F	A,B	A,B,D	All 9 Aspects	Performance Journals

**Recommended Resources: (websites, textbooks, essential equipment, reference materials, supplies)**

The Language of Medicine

Form #05-03-025 (b)

Date of this revision:

District Name/Career Cluster

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**Form 1b – District’s Career & Technical Education Course Alignment to Standards**

6<sup>th</sup> Edition  
Chabner-Davi-Ellen

Community CPR/First Aid  
American Red Cross

Taber’s Cyclopedic Medical Dictionary  
Edition 18; F.A. Davis Co

Your Career in Administrative Medical Services  
Weiss, Roberta C  
WB Saunders Co; 1996

Resources:  
Adam Essential Computer Program  
Language of Medical Software  
Diet Balancer Computer Program  
Blood Typing Kit  
Glo-Germ Kit  
Other related medical utensils